

Anatomy and Embryology

Volume 189 1994

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Special fields

- Embryology; Cell migration;
Cell interaction; Control of differentiation
- Embryology; Developmental biology,
Morphogenesis; Differentiation
- Electrophysiology; Neuroanatomy,
Neurobehavior
- Urinary organs; Transporting epithelia;
Lymphatic system
- Neuroanatomy; Neurocytology;
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- Neuroanatomy; Immunocytochemical
techniques; Amino acid neurotransmitters
- Eye; Retina; Immune system
- Embryology; Cell adhesion; Cell migration;
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Anatomy and Embryology

This journal was founded in 1875 as the *Zeitschrift für Anatomie und Entwicklungsgeschichte*, edited by *W. His* and *W. Braune* and published by F.C.W. Vogel in Leipzig. After its second year, in 1877, the journal became the *Anatomische Abteilung* of the *Archiv für Anatomie und Physiologie*, edited by *His* and *Braune* and published by Veit & Co. in Leipzig. From 1892 through 1903 *His* was the sole editor. In 1904 *W. Waldeyer* became the editor. From 1913 until 1919 the journal appeared as *Archiv für Anatomie*, edited by *W. von Waldeyer-Hartz*, *H. Virchow* and *P. Röthig*. It was published until 1915 by Veit & Co. in Leipzig and later by de Gruyter & Co. in Berlin.

After 1919, publication was suspended, but in 1921 the *Archiv für Anatomie* merged with *Anatomische Hefte* to become *Abteilung 1* of the *Zeitschrift für die gesamte Anatomie*. *Anatomische Hefte* had begun in 1892 with *F. Merkel* and *R. Bonnet* as editors and J.F. Bergmann as publisher in Wiesbaden. In 1919 *E. Kallius* and *F. Heiderich* became the editors and Bergmann moved to Munich. Fifty-nine volumes had been published by 1920. When the journals combined in 1921, the numbering of the volumes continued the sequence of *Anatomische Hefte* without a break, but the name adopted was the original name of the older journal. Therefore, the *Zeitschrift für Anatomie und Entwicklungsgeschichte* (*Abteilung 1* of the *Zeitschrift für die gesamte Anatomie*) re-appeared as volume 60 in 1921. J.F. Bergmann, Munich and J. Springer, Berlin were the joint publishers. The editors were coopted from among those of both parent journals – *Waldeyer-Hartz* and *Kallius*, with the addition of *H. Braus* for the first three

volumes. From volume 63 to volume 76 inclusive, *Kallius* and *Braus* were the editors and from volume 77 to volume 103 *Kallius* was the sole editor. Since volume 88 Springer has been the sole publisher.

In 1934, with no. 3 of volume 103, *Curt Elze* became the editor and the full title of the journal was shortened to *Zeitschrift für Anatomie und Entwicklungsgeschichte*. From volume 116 to volume 121 *C. Elze* shared the editing work with *K. Zeiger* and from volume 122 to volume 126, with *R. Ortmann*. With volume 126 *R. Ortmann* became the managing editor and was soon joined (volume 127) by an international editorial board. In 1974, the subtitle *Journal of Anatomy and Embryology* was introduced, but it was used for two volumes only. With volume 146 (1974) the main title became *Anatomy and Embryology*; the subtitle at that point was “*Zeitschrift für Anatomie und Entwicklungsgeschichte*”. Since volume 166, no. 2 (January 1983), the journal has been published without a subtitle. In 1978, with volume 155, *K. Fleischhauer* and *S.L. Palay* became the managing editors. Beginning with volume 171 (1985) the managing editors were: *R. Bellairs*, *K. Fleischhauer*, *W.-G. Forssmann*, *W. Kriz*, *S.L. Palay*, *F. Walberg*. As of volume 179, no. 3 (1989), *E. Mugnaini* moved to the board of managing editors. In 1989, beginning with volume 180, *B. Christ*, *G. Gabella* and *K. Zilles* were added to the board of managing editors; *K. Fleischhauer* and *W.-G. Forssmann* stepped down. In 1992, beginning with volume 185, *O.P. Ottersen* moved to the board; *F. Walberg* stepped down. In 1993, at the end of volume 187, *G. Gabella* resigned. In 1993, beginning with volume 188, *S.T. Kitai*, *E. Raviola*, *E.J. Sanders*, and *F. Sundler* joined the board of managing editors.

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Printers

Universitätsdruckerei H. Stürtz AG
Würzburg

© Springer-Verlag Berlin Heidelberg 1994
Springer-Verlag GmbH & Co KG
D-14197 Berlin, Germany

Printed in Germany



Springer International

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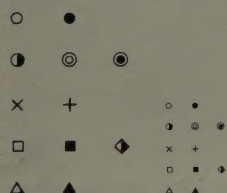
abcdefghijklmnopqrstuvwxyz

1234567890 1.5° III IV VIII IX ∞ % ≈

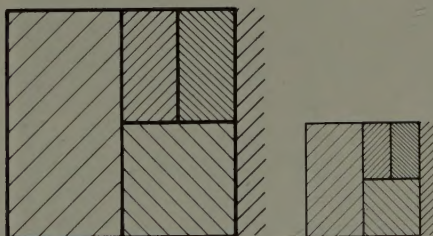
[(= - + x ÷ ! ? : " ' ,)] (A) (B) (a) (b)

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890 1.5° III IV VIII IX ∞ % ≈
[(= - + x ÷ ! ? : " ' ,)] (A) (B) (a) (b)

①

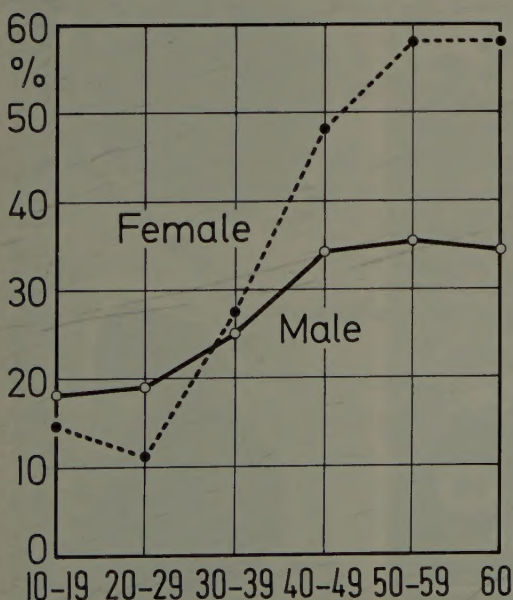


②

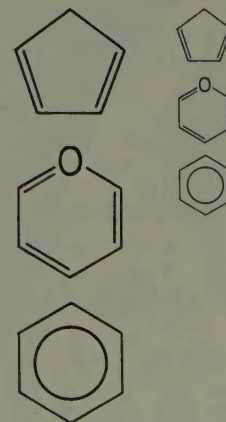
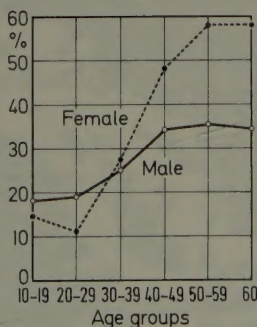


③

samples 1-5 show
the original size and
reduction × 50%



④



⑤

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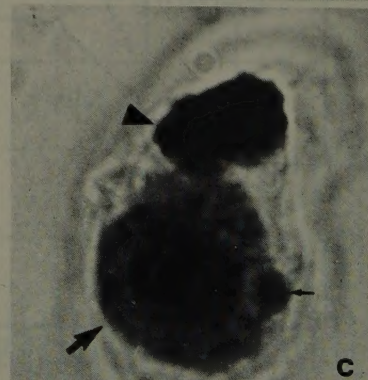
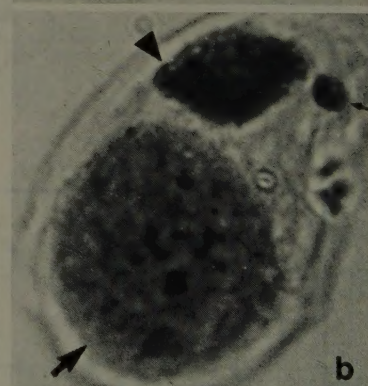
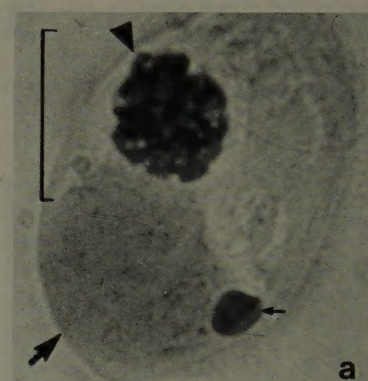
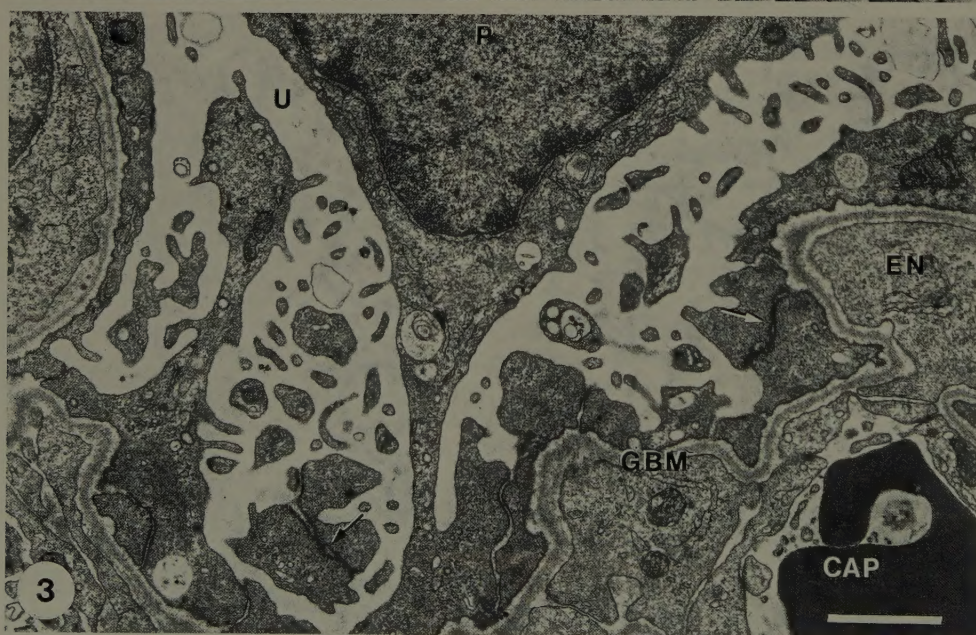
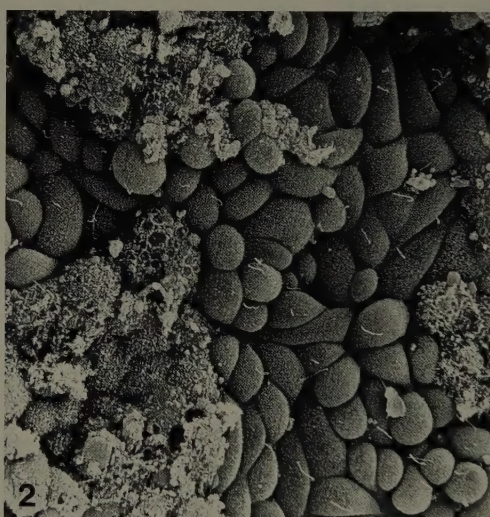
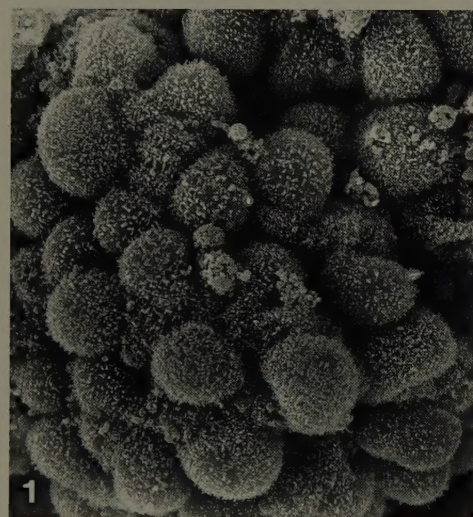
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
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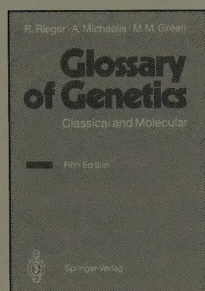
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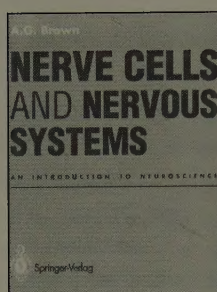
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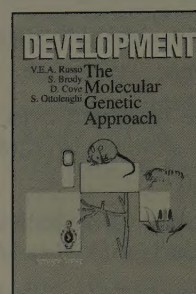
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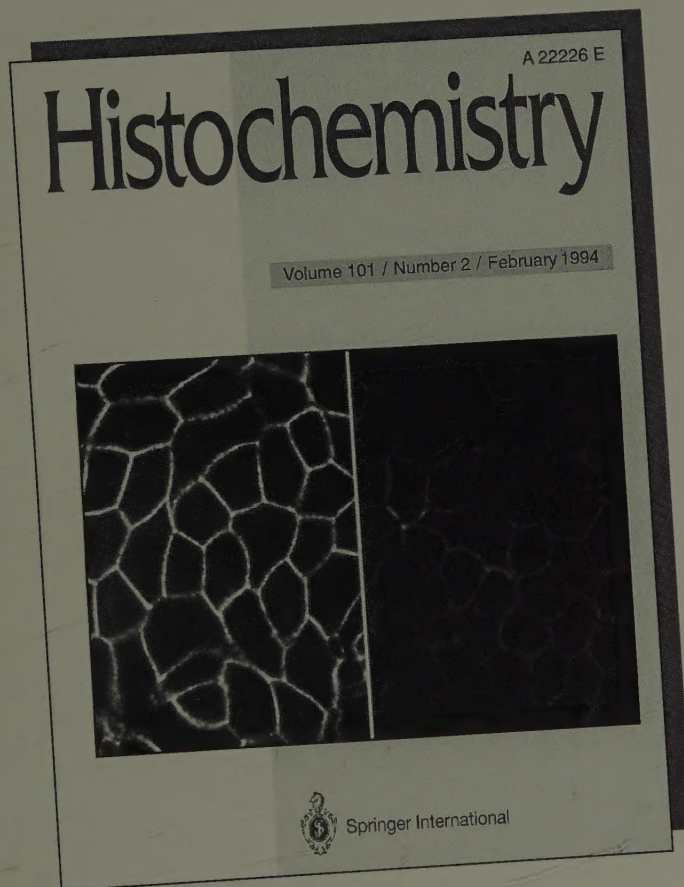
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